

### **Description**

**Nexus Polymol** is a high temperature polyurea thickened grease combined with *extreme pressure* (EP) additives as well as corrosion and oxidation inhibitors to offer excellent lubricating properties. Formulated with synthetic base oil and thermally stable structure to guarantee long re-lubrication intervals.

### **Applications**

**Nexus Polymol** is suitable for a wide range of industrial bearings. For cost efficiency reasons, it is recommended for industrial bearings operated in medium to high operating temperatures, potentially chemical contamination and normal to medium peripheral speeds

### **Benefits**

- Excellent thermal and chemical stability to offer reliable lubrication and extend lubrication interval even in severe applications
- Fortified with special additives to prevent rust and oxidation on metal surfaces
- Due to its structure, it is easily pumpable in central lubrication systems
- Impressive stability of grease' structure to ensure continual lubrication

## Product Data Sheet

	POLYMOL2
NLGI GRADE, ASTM D 217	2
Appearance	Solid Green
Thickener Type	Polyurea
Density 20°C, ASTM D1475, g/ml	0.905
Worked Penetration, 60 strokes @ 25°C/77°F, ASTM D217, 0.1mm	265-295
Dropping Point, ASTM D445, °C	275
Dynamic Emcor Corrosion (Distilled Water), IP220, Rating	0 - 0
Water Resistance, 90°C/194°F, 3h, DIN 51807-1, Rating	0
4 Ball Weld Point, IP239, Kg	250
Copper Corrosion (24hrs, 100°C), ASTM D4048, Rating	1b
SRV Friction and Wear Test (300 N / 2hrs / 50°C), ASTM D5707, Coef. of friction	0.08

\*Subject to usual manufacturing tolerances

### Nexus Polymol

20 Mar 2024

Nexus, the Nexus logo, and related marks are trademarks of Nexus Limited, used under license.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either Nexus or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.